



ENGINEERING DEPARTMENT
444 West Grand Avenue
Wisconsin Rapids, WI 54495-2780
Engineering (715) 421-8205 FAX (715) 421-8291

ENGINEERING DEPARTMENT Monthly Activity Report

March 2023

Permits & Degradation

- 12 Permits/Licenses (19 last month) for asphalt paving (0), driveway grades/concrete pour inspections (0), storm water (0), excavating (5), Street Privilege (0), storm connection (0), permit parking (1), banner (0), environmental testing well (0), contractor licenses (6)
 - This year – 57 permits & licenses
- 134 Diggers Locates for Storm Sewer & Sanitary Sewer (44 last month)
 - 2 Emergency locates (2 after hours)
- Degradation fees - this year = \$12,842.07
 - This month = \$5,431.15 (\$1614.92 last month)

Traffic

- Vision Triangle Complaints
 - 4th Ave N and W Grand Ave – Southbound left – review is complete. The westerly most parking stall on the north side of W Grand Ave closest to 4th Ave will be removed to allow better visibility and increase the safety of motorists attempting to see traffic coming from the east. Work order will be sent out for painting in spring.
- Stop Sign / Yield Sign Requests
 - Traffic studies for the following intersections will be completed in February.
 - 13th St N & Prospect St – 10/6/22
 - Data gathering is complete. Initial review of the data confirms that all intersections except for 14th St N & Avon St are suitable as uncontrolled. We are further reviewing 14th St N and Avon St due to a series of accidents since 2014 that may justify increasing traffic control to yield.
- Traffic Study
 - A memo with recommendations was provided to PD to share with the school on 3/15. Woodside School pick-up and drop-off traffic has created queueing and safety related issues on Two Mile Ave extending onto 8th St S. Observations were made on February 2nd and 3rd. From those observations recommendations have been developed and will be shared with the school and Police Dpt.
 - Request to allow right turn no stop for westbound traffic on Two Mile Ave at 1st St S. Some preliminary research has been done to gather guidance documents. A traffic study needs to be completed prior to modifying any signage.



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- ITS Standalone Signal Grant
 - ITS Standalone Signal Grant – Reapply for Chase St and High St - Grant submission on April 7th
 - 2023 Project
 - Material/equipment supplies are creating some challenges and schedule creation is pending.
 - Bid awarded to Pember Companies. Contracts are signed and Notice to Proceed has been issued.
 - Bid opening was Dec. 8th at 10am.

- Signal complaints
 - A request for traffic signals at 16th St S and Expressway to switch quicker for vehicles heading north and south on 16th St S AND for the green to stay on longer.
 - Request to make 3rd St / Market St / Jackson St intersection an all-way stop.
 - STH 54 & CTH W – too few cars can get through (9/20/2022)
 - Chestnut & 8th St – too few cars can get through (9/20/2022)
 - W Grand & Expressway – left turn coming on when it shouldn't (9/30/2022)

- Signal Equipment
 - Met with Gridsmart 3/29 to replace a damaged camera at Plover Rd and Baker St
 - Spare cabinet is ordered and is expected to arrive in September or October.

Project Designs/Construction underway:

Maintenance Projects

- Sidewalk and Curb & Gutter Maintenance – preparations were made in March regarding inspections and solicitation for the 2023 maintenance work.
- Sidewalk Cutting with Safestep is setup and ready to be begin work as soon as possible.

2023 Reconstruction Projects

The Oak St project walk-thru was held on 3/28 at 4pm. The walk-thru lasted about 1.5 hrs and Engineering Dpt staff met with about 30 of 77 property owners.

A preconstruction meeting was held on March 1st to review the projects and proposed 2023 work schedules with public utilities and city staff.

- Design for 2023 Projects
 - Oak St (E Jackson St to 16th St) – 100%
 - Shorewood Terrace (1st St N to Termini) – 100%
 - Apricot St and Broadway St – 100%
- 2023 Contracts



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- Crushing Contract – Contract Documents are signed. Estimated start date is June 1st. Bid date was 3/2/2023
- Asphalt Contract – Contract Documents are signed. Bid date was 3/2/2023
- Concrete Contract – Contract Documents are signed. Bid date was 3/2/2023
- Sewer Lining Contract – 10%

2024 Reconstruction Projects

- Preliminary Survey for 2024 and 2025 Projects
 - Lincoln St (Expressway to Peach St) – 100%
 - Wylie St (8th St N to 10th St N) – 100%
 - 14th Ave N (W Grand Ave to Fremont St) – 5%
 - 15th Ave N (W Grand Ave to High St) – 5%
 - McKinley St (8th Ave to 14th Ave) – 5%
- Design for 2024 Projects
 - 9th St S (Peach St to Chestnut St) – 60%
 - Lincoln St (Expressway to Peach St) – 20%
 - Turning movement counts performed at Chestnut and Dewey 4/3 and 4/4
 - Design Meeting held April 6th
 - Preliminary scoping has been underway along with traffic counts and initial feedback from Public Works and Community Development.
 - Preliminary concepts were reviewed at the March meeting.
 - Information will be posted on the Engineering website.
 - Wylie St (8th St N to 10th St N) – 70%
 - 14th Ave N (W Grand Ave to Fremont St) – 0%
 - 15th Ave N (W Grand Ave to High St) – 0%

Projects Involving Grants

- 8th St S and Wood Ave - Highway safety Improvement Grant (HSIP).
 - Grant application was submitted in March
- Grand Ave Bridge Rehabilitation
 - Bridge Rehabilitation Report is complete and submitted to Bureau of Structures.
 - A meeting is schedule on April 18th with the DOT bridge inspector to review the Grand Ave bridge.



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Storm Water Utility

- Storm Utility Billing Update/Audit – WWLC and Engineering met March 6th to discuss the integration of the updated account data. It was determined to integrate all updates the month of March. This required several days of account review and updating from the Engineering Dpt.
- One Mile Cr. – All easements for the project are now secured.
 - Dredging Permit – The DNR’s pre-application process is complete. We are currently working on obtaining a low hazardous waste exemption from DNR on dredged materials. After which, work will continue on the dredging permit application.
 - Dam Permit – DNR Review staff have been unable to get to the review, but are continuing to update us on the latest review schedule. Their review is expected any day.

Transportation Utility

- March: updates included 2 accounts
- February: updates included 26 accounts

Capital Improvement Planning

- Annual CIP review process and updating will begin in April

Other Highlights

- Rail Feasibility Study –
 - CN – reached out to the government affairs employee at CN. They provided other contacts to reach out to regarding the rail study.
 - DOT – conversation with Jordan Kelbley on March 29th to discuss the rail study. He will get back to me once he discusses with other DOT staff.
 - Alternative route signage related to the Rail Study – BIL Carbon Reduction Grant. A grant application was prepared in March for submission on April 7th.
 - A follow-up meeting was held with Patrick Engineering on February 21st to further discuss the report and answer some preliminary questions.
 - A final report was delivered Feb. 6th. The document has been posted on the City’s website and provided for those interested in reviewing the report.
 - Rail Study Kick-off meeting was held on 9/29/2022. Data collection began on October 12th.
- W Jackson St Update
 - Final restoration work will be done immediately as soon as weather allows.
- Downtown Riverwall project scoping
 - No new updates
- Prairie Dog Glass Bids were prepared and advertised. The bid opening was April 3rd.
- Centralia Center Roof project was rebid and opened April 3rd.